

ABSTRACT OF THE DISCLOSURE

An optical transmission and receiver module suitable for a single-fiber bi-directional communication includes a light emitting device, a photodiode, an
5 optical path routing element which allows light emitted from the light emitting device and light directed to the photodiode to pass through the element and which changes their optical paths, as required, and a lens transparent to both light emitted from light emitting device and light directed to the photodiode.